



LTI 160.4 CON  
0942.4120005/RWE/D-S

### Certificate Under 37 C.F.R. § 3.73(b)

Applicant/Patent Owner: Price et al.

Application No./Patent No.: 09/693,949 Filed/Issue Date: October 23, 2000

Entitled: Animal Cell Culture Media Comprising Non-Animal or Plant-Derived Nutrients

Invitrogen Corporation, a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

RECEIVED

states that it is:

MAY 13 2002

1. ☒ the assignee of the entire right, title, and interest, or
2. ☐ an assignee of an undivided part interest

TECH CENTER 1600/2900

in the patent application/patent identified above by virtue of either:

A. ☒ An Assignment from the inventor(s) of the parent application no. 09/302,953 (abandoned) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 010042, Frame 0270, or for which a copy thereof is attached.  
OR

B. ☒ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: Life Technologies, Inc. To: Invitrogen Corporation  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:]** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date: ✓ 4/17/02

Name: Alan W. Hammond

Title: Chief Intellectual Property Counsel

Signature: ✓ Alan Hammond

*State of Delaware*  
*Office of the Secretary of State* PAGE 1

---

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"LIFE TECHNOLOGIES, INC.", A DELAWARE CORPORATION,  
WITH AND INTO "INVITROGEN CORPORATION" UNDER THE NAME OF  
"INVITROGEN CORPORATION", A CORPORATION ORGANIZED AND EXISTING  
UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED  
IN THIS OFFICE THE THIRTEENTH DAY OF SEPTEMBER, A.D. 2000, AT  
4:30 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF  
THE AFORESAID CERTIFICATE OF MERGER IS THE FOURTEENTH DAY OF  
SEPTEMBER, A.D. 2000.



*Edward J. Freel*  
\_\_\_\_\_  
Edward J. Freel, Secretary of State

2753431 8100M

001468678

AUTHENTICATION: 0679689

DATE: 09-18-00

9-13-00 12:58  
210300111411151304

GCNF:GTO-

302 674 8340: # 2/ 7  
NO. 157 002

**CERTIFICATE OF MERGER  
MERGING  
LIFE TECHNOLOGIES, INC.  
INTO  
INVITROGEN CORPORATION**

Pursuant to Section 251 of the  
General Corporation Law of Delaware

**RECEIVED**  
MAY 13 2002  
TECH CENTER 160012930

The undersigned corporation, organized and existing under and by virtue of the General Corporation Law of the State of Delaware, does hereby certify:

**FIRST:** That the name and state of incorporation of each of the constituent corporations of the merger is as follows:

Name	State of Incorporation
Life Technologies, Inc.	Delaware
Invitrogen Corporation	Delaware

**SECOND:** That an agreement and plan of merger between the parties to the merger has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the requirements of Section 251 of the General Corporation Law of the State of Delaware.

**THIRD:** That Invitrogen Corporation, a Delaware corporation, shall be the surviving corporation of the merger and its certificate of incorporation shall be the certificate of incorporation of the surviving corporation.

**FOURTH:** That the executed agreement and plan of merger is on file at the principal place of business of the surviving corporation. The address of the principal place of business of the surviving corporation is 1600 Faraday Avenue, Carlsbad, CA 92008.

**FIFTH:** That a copy of the agreement and plan of merger will be furnished by the surviving corporation, on request and without cost to any stockholder of any constituent corporation.

(Remainder of Page Intentionally Left Blank)

SENT BY: \_\_\_\_\_

9-13-00 12:58  
UNRECORDED 715557/1477187358

GCNF:GTO-

302 674 8340:# 3/ 7  
NO.157 003

SIXTH: That this Certificate of Merger shall be effective at 3.00 p.m. on  
September 14, 2000.

Dated: September 13, 2000

Invitrogen Corporation,  
a Delaware corporation

By: [Signature]  
Lyle C. Turner  
President and CEO

ATTEST:

[Signature]  
James R. Glynn  
Executive V.P. and CFO

Grey Cery/GTN/6200403.1  
102894-159712

09/13/2000 WED 11:38 (TX/RX NO 7050) 003